

## OAS FLEET CARDING - HELICOPTER QUALITY ASSURANCE CHECK LIST

FAA Registration No.

Date:

Inspected by:

This checklist shall be used by OAS inspector(s) to inspect fleet helicopters for general condition and evidence of quality maintenance. Where practical, engine cowlings/access panels should be opened/removed to permit inspection of the aircraft engine compartment(s). Inspectors are encouraged to contact the appropriate OAS fleet manager in advance to arrange for maintenance facility support for the inspection. As minimum, inspectors are required to open and inspect any access door or panel that can be opened by the pilot during a normal preflight. The extent that inspectors will be able to actually inspect the following items will depend on the amount of access achieved.

### A NOSE AND FORWARD AREAS

- |   |  |  |
|---|--|--|
| 1 | Nose section exterior for visible damage.  |  |
| 2 | Pitot tube and static ports for obstructions and cleanliness.  |  |
| 3 | Chin bubbles for damage and cleanliness.   |  |
| 4 | Check for operation of anti-collision, position lights, landing lights and pulse lights if required. |  |

### B COCKPIT/CABIN AREA

- |   |   |  |
|---|---|--|
| 1 | Windshields and windows for damage and cleanliness.   |  |
| 2 | Fire extinguisher for designated location, quantity, class, size, currency of inspection tag data, broken or missing seal, pressure indicator in green, extinguisher and brackets secure. |  |
| 3 | First aid and survival kits for proper contents, expiration dates, per ALSE handbook  |  |
| 4 | Seat and back cushions, retainer loops and tabs for damage, condition and security.   |  |
| 5 | Seat belts, shoulder harness, and inertial reels for condition, functionality   |  |
| 6 | Dual security locking   |  |
| 7 | Cabin door, hinges, latches and rails for security and operation  |  |

### C ENGINE AREA

- |    |   |  |
|----|---|--|
| 1  | Engine air inlet intake area assembly through engine inlet fairing windows or access doors for separation, cracking, deformation, security and obstruction. |  |
| 2  | Engine cowlings and fairings for damage, security, and condition of fasteners and hinges.   |  |
| 3  | Engine mounts and engine mounts fittings, for cracks, damage and security.  |  |
| 4  | Fuel control linkage for damage and security.   |  |
| 5  | Engine oil tank for damage, security and servicing lines for leaks and damage.  |  |
| 6  | Leaks and improper clamping of lines and wires. Evidence of broken or missing torque seals.   |  |
| 7  | Governor linkage for damage and security.   |  |
| 8  | Pc line and filter for damage, security, and condition.   |  |
| 9  | Check for leaks and condition of A/F fuel filter if installed. Check for impending bypass indication.   |  |
| 10 | Check engine exhaust pipes for security and cracks.   |  |

Comments:

<b>D</b>	<b>TAIL BOOM AREA</b>	
1	Tail boom exterior for visible damage.	
2	Driveshaft covers for damage, security, and condition of fasteners.	
3	Vertical stabilizer for condition and security. Check the mounting area for cracks if visible.	
4	Horizontal stabilizer for condition and security	
5	Tail boom attachment points (if practical)	
6	Tail rotor blades, pitch change links and bearings for condition	
<b>E</b>	<b>AVIONICS AND ELECTRICAL POWER AREA</b>	
1	Installed avionics for loose or unauthorized equipment. (if easily accessible)	
2	Battery for proper mounting. (if easily accessible)	
3	Electrical equipment for cleanliness, security of components	
4	External power receptacle for condition and security.	
5	Radios and SatPhone - check for operation, damage, and conduct checks (if possible).	
6	AFF - check for security installation, ops check if possible	
7	Check antennas for condition and security.	
<b>F</b>	<b>SWASHPLATE</b>	
1	Swashplate, lever and sleeve, and connecting linkage for security and visible damage.	
2	Control linkages for security and condition.	
<b>G</b>	<b>MAIN ROTOR ASSEMBLY</b>	
1	Main rotor hub for condition, security, corrosion.	
2	Check main rotor grips for grease leak, condition and security.	
3	Elastomeric bearings for condition (if installed)	
4	Main rotor blades for condition of high viz paint, tape, cleanliness, condition, security.	
5	Main rotor hub attach points for condition, security.	
<b>H</b>	<b>HYDRAULIC</b>	
1	Hydraulic servo actuators and support assembly for cracks, corrosion, leaks, security and damage.	
2	Hydraulic system components and lines for security, chafing, damage, leaks and reservoir for servicing.	
3	Hydraulic filter element indicator for filter clogged indication if accessible. (if easily accessible)	
4	Hydraulic pump (and belt, if applicable) for mounting and security	
<b>I</b>	<b>LANDING GEAR AND BELLY AREA</b>	
1	Cross tubes and skid tubes for condition and security and possible transporter damage	
2	Inspect forward and aft mounts for condition and security.	
3	Snow pads or pop-out floats (if installed) for condition and security	
<b>J</b>	<b>ACCESSORIES</b>	
1	Cargo Hooks - condition and proper operation	
2	Mirrors for condition and security	
3	Cargo baskets/racks and other mission accessories as installed for security and condition.	
Comments: <input type="radio"/> P-25 VHF FM <input type="radio"/> SatPhone <input type="radio"/> AFF <input type="radio"/> 406MHZ ELT <input type="radio"/> Floats		

